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| **Type of Coke** | **Temperature** | **Pressure** | **Observations** |
| Room Temp. Coke | 29.76 | 98.92 |  |
| Room Temp. Coke (with alka-seltzer) | 28.06 | 98.97 | Colour lighter  Fizzing and bubbling |
| Hot Coke | 39.79 | 98.19 |  |
| Hot Coke (with alka-seltzer) | 38.71 | 98.89 | Tablet reacted quickly  Fizzing  Colour Lighter |
| Cold Coke | 18.16 | 98.79 |  |
| Cold Coke (with alka-seltzer) | 21.61 | 98.80 | Bubbling and fizzing  Colour became lighter  Tablet melted slower  Fizzed longer |

**Coke and Alka-Seltzer Lab**

In general the alka-seltzer did raise the pressure but the change was very minimal apart from the hot coke in which the pressure increased by 0.70. This was a much more significant increase than seen in the other cokes which only increased by 0.01 or 0.05. As for the temperature both the hot and cold cokes changed a little bit and moved towards room temperature so it cannot be said that this was due to the alka-seltzer. However the room temperature coke did drop from 29.76 degrees to 28.06 degrees which could have been caused by the alka-seltzer. Overall, I think that to reach an accurate conclusion more just one trial should be run for each coke so that more data is collected.